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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete if Known</p>	
<p>Sheet</p>		<p>1</p>	<p>of</p>	<p>1</p>	<p>Attorney Docket Number</p>
<p>Application Number</p>		<p>09/839,205</p>			
<p>Filing Date</p>		<p>April 23, 2001</p>			
<p>First Named Inventor</p>		<p>VITENBERG, ROMAN</p>			
<p>Group Art Unit</p>		<p>2643</p>			
<p>Examiner Name</p>		<p></p>			

U.S. PATENT DOCUMENTS

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~~MAY 28 2003~~

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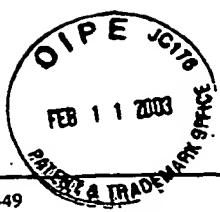
FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	12/22/2004
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1 Applicant's unique citation designation number (optional). **2** See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **3** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **4** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **5** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **6** Applicant is to place a check mark here if English language Translation is attached.

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Technology Center 2600 Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 109335	APPLICATION NO. 09/839,205	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Roman VITENBERG				
		FILING DATE April 23, 2001			GROUP 2643	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
H.V.		5,889,856	03/30/1999	O'Toole et al.	Duplicate	
H.V.		5,608,725	03/04/1997	Grube et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
H.V.		WO 96/24989 A2	08/15/1996	WIPO		
H.V.		WO 99/20027 A2	04/22/1999	WIPO		
H.V.		WO 01/20865 A1	03/22/2001	WIPO		
H.V.		WO 01/20864 A1	03/22/2001	WIPO		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
H.V.		ITU-T RECOMMENDATION G.922.2: SPLITTERLESS ADSL TRANSCIVERS, June 1999, XP002181912.				
H.V.		Johansson, "ADSL LITE - THE BROADBAND ENABLER FOR THE MASS MARKET" ERICSSON REVIEW, ERICSSON, STOCKHOLM, SE, no. 4, December 22, 1998, pp. 154-161, XP000792054.				
H.V.		Colin et al., "QoS considerations for DMT-based ADSL and VDSL systems" ACOUSTICS, SPEECH AND SIGNAL PROCESSING, 1998. PROCEEDINGS OF THE 1998 IEEE INTERNATIONAL CONFERENCE ON SEATTLE, WA, May 12-15, 1998, pp. 3437-3440, XP010279527.				
EXAMINER	<i>Mary Isaac</i>				DATE CONSIDERED	8/15/04
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Date: February 11, 2003



Sheet 1 of 1

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 109335	APPLICATION NO. 09/839,205
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		RECEIVED AUG 13 2001	
		APPLICANT Roman VITENBERG	GROUP Technology Center 2600
		FILING DATE April 23, 2001	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
H.V.	5,889,856	03/30/1999	O'TOOLE et al.	✓		

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	<i>Mony Tse</i>	DATE CONSIDERED 8/25/04
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